

AMERICAN JOURNAL OF EDUCATION

Universal Education—The Safety of a Republic.

VOL. XIX.

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No. 2.

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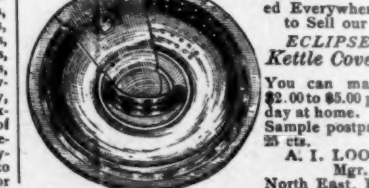
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ST. LOUIS, FEBRUARY 9, 1886.

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MAN is feeble and poor, unless you educate him and enlarge his vision, and give him power not only to explain, but to command what he sees.

PLEASE do not blame us if your papers do not come regularly, until you investigate your postoffice, and see if they are not there. Write your name and postoffice address plain, giving county and State.

Of course, when we give double the reading matter for \$1.50, that others give for \$2.50, we expect the *high priced* journals will not like it—but teachers who want the latest and best and the ablest papers, send the extra 50 cents and get the weekly ten-page *Globe-Democrat* or the weekly *New York World*. The price of the JOURNAL OF EDUCATION is \$1.00 per year, postpaid. For only 50 cents extra we add either of the above weekly papers, and that gives about double the amount of reading for the \$1.50 that other educational journals give for \$2.50.

ALWAYS put the best interpretation on a tenet. Why not on Christianity—wholesome, sweet and poetic? It is the record of a pure and holy soul, humble, absolutely disinterested and truth speaker, and bent on serving, teaching and uplifting men.

THIS hint to all our readers is so valuable that we repeat it: If you get, or make, a cheap scrap-book, clip out editorials, and clip from communications or selections which you find in the great weekly *Globe-Democrat*, or the New York weekly *World*, or the AMERICAN JOURNAL OF EDUCATION under separate topics, such as finance, poetry, literature, politics, wit, public men, portraits, &c., you will be astonished at the variety and fullness of topics presented. You will have a book at the end of a year that *fifty dollars* would not buy. We send this JOURNAL and either one of the two papers for \$1.50, or all three papers for \$2.00. Two can club together and get the three papers for \$2.00.

COMMITTEE ON EDUCATION

THE Committee on Education in the House of Representatives in Washington, D. C., consists of Mr. Alken of South Carolina, Chairman; Messrs. Candler of Georgia, Willis of Kentucky, Curtin of Pennsylvania; Miller of Texas, Mayberry of Michigan, Burnes of Missouri, Mahoney of New York, Strait of Minnesota, Whiting of Massachusetts, Campbell of Pennsylvania, I. H. Taylor of Ohio and O'Donnell of Michigan.

Please forward your petitions for Federal Aid to Education to any of these gentlemen, Washington, D. C.

NET CASH ON HAND.

ON Monday, Jan. 4, the net gold coin and bullion in the U. S. Treasury was \$147,400,000, the net silver dollars and bullion \$76,200,000 and the net United States notes \$27,800,000.

Here was net cash idle in the Treasury to the amount of \$252,400,000, belonging to the people. Would it not be both sensible and proper to put \$77,000,000 of this idle money at work to educate the people?

We think so.

BAD BOOKS.

CAN we not have a law to prohibit the circulation of bad books and bad newspapers?

Texas and Georgia some years ago enacted a stringent prohibitory law, suggested by Dr. Curry, agent of the Peabody Education Fund. The Supreme Court of Georgia in a test suit brought by a New York publisher, affirmed the constitutionality of this law. When in Atlanta, Hon. B. G. Northrop spoke of this fact to a Northern clergyman, who, evidently surprised, if not skeptical, determined to test the question at the first news store he passed, and calling for—, received the prompt reply, "Why, no sir! The law of Georgia prohibits the sale of such papers." A bill for a similar law is now pending in several legislatures, and ought to be passed in every State.

What do our teachers say to this? Let us take hold and work up some righteous public sentiment on this important matter.

BETTER TIMES.

THIS means more money for the people.

The tone of business is not only healthy, but it is reviving everywhere. The South has been benefited by a large cotton crop, and is feeling in many directions the stimulus of the investment of Northern capital in a variety of industrial enterprises. The manufacturing States are enjoying the benefit of enlarged orders and rising prices, and are generally anticipating a year of unusual prosperity.

We have now \$550,000,000 of gold in the country.

During the past month, about \$100,000,000 in the seaboard cities, contributed by interest and dividends and by the redemption of United States bonds, was distributed among investors, much of which will seek reinvestment in the West and South.

New industries are springing up everywhere, and these diversified employments utilize labor in all directions, which is paid good prices, so that this vast amount of money is to be more and more distributed among the masses. Intelligent labor, as a result of our common school training, can employ itself to profit and carry forward to success these diversified industries, whereas ignorant labor can do but one thing, or work in one direction only.

The better times are here. Let us rejoice and go forward hopeful and happy.

A COPY OF IT.

THE following is the new law of Connecticut concerning obscene and immoral publications.

We ought to have this law passed and enforced in every State in the Union. Hon. B. G. Northrup is doing a great and a grand work in his efforts in this direction. Teachers, parents, and all others, we hope, will strongly co-operate in this important measure.

"Every person who shall buy, sell, advertise, lend, give, offer, or show, or have in his possession with intent to sell, lend, give, offer, or show, any obscene or indecent book, pamphlet, paper, picture, print, drawing, figure, image, or other engraved, printed or written matter, or any article or instrument of indecent or immoral use or purpose, or shall design, copy, draw, photograph, print, etch, engrave, cut, carve, make, utter, publish, or otherwise prepare, or assist in preparing any such book, pamphlet, paper, picture, print, drawing,

figure, or engraved, printed, or written matter or article, or instrument of indecent or immoral use or purpose, shall be fined not less than \$20 nor more than \$300, or be imprisoned not less than sixty days, nor more than twelve months.

"Every person who shall sell, lend, give, or show, or have in his possession with intent to sell, lend, give, or show any book, magazine, pamphlet, or paper devoted wholly or principally to the publication of criminal news, or pictures and stories of deeds of bloodshed, lust, or crime, shall be fined not more than \$50, or imprisoned not more than three months, or both."

WE ARE NOT POOR.

WE hope all our subscribers read carefully the debates in Congress. It was stated in the Senate the other day, that "By the report of the United States Treasury, it appears that there is in the Treasury \$185,535,000 of standard silver dollars. We have coined ever two hundred and fifteen millions of silver dollars."

We are not poor, you see. We can afford to make the school terms nine months. We can afford to pay every teacher a minimum of \$50 per month, and a maximum salary away along up to what will command the best in talent, character and genius that the age affords.

We need to work unitedly on this line until the people see this matter in this light. We need to reach out and educate the masses on these points. It can be done, and is being done by a few who know the value and power of "the New Educational Movements."

PRIMARY TEACHING.

IN the Primary Schools let the teacher make it a rule to give the child an Oral Lesson before, or with, the presentation of each printed word or sentence. Let the Oral Lesson be so given that the child shall learn how to talk, and, at the same time, secure a distinct and accurate meaning of the word or sentence, and a distinct and correct enunciation and pronunciation of it. The order and nature of the oral, or Talking Lessons, are given in the body of the book. To secure this understanding of the meaning, whenever it is practical, bring the object before the child and let his senses help teach it; and cultivate his language by letting him tell what he can about it. If the object can not be present, do the next best thing—have a picture representation of it. And let the children talk about it, tell what it is, what they see in it, &c., &c. It is wonderful how many things children will learn to see and tell in a picture, as well as in nature around them. Encourage and help them to see and to tell what they see. Make an

OBJECT LESSON

of each picture in this book. Children are very fond of pictures, and will take pleasure in looking for and bringing in pictures to illustrate the lessons. Encourage them to do so. It will increase their fondness for pictures, "wake up" their minds, and cause the words and ideas of the lessons to make quicker and deeper impressions. Have the picture representation in cases, even, where the object, or idea, denoted by the word or sentence to be taught, is well known to the child. When the object is not known to the child, and can neither be produced nor represented, omit the teaching to a later time. The child should not be compelled to learn words, to him, of no meaning—it would be worse than useless.

To secure
CORRECT ARTICULATION

and pronunciation, the teacher must, habitually and specifically, give practical illustrations for imitation. Let his speech always be clear and correct. Spoken language is addressed to the ear, and the ear of the child must hear the sound his organs of speech are required to make. Children imitate readily, but not so readily do they follow rules.

The Oral Lessons should be given with reference to teaching words, and the proper use of language. The Written Lessons, though intended for reading, are more especially for starting points—models for the exercises in oral language. Before and after teaching a lesson, enlarge upon it,—making, and having the children make, a large number of sentences, with similar construction.

The Skeleton Lesson should be perseveringly used. The Blanks are to be filled orally by the children. For this purpose, each Lesson should be placed

ON THE BLACKBOARD,

so plainly that all can see it. After the oral lesson, the children, as far as able, should write out the expressions and sentences given orally, and these written lessons should be read by them, aloud, as reading exercises. More or less of these lessons should be set up in the rack on box of cards, and there read.

Remember that seeing, and talking, and writing, and reading, MUST go together, guided intelligently, to secure the best results.

The teacher should be particular in his own language, and allow the children to correct him whenever he makes a mistake (for the best make mistakes), and he should correct the children when they make mistakes; and, also, encourage them to correct each other. A time should be set apart for correcting. All children able to do so, should keep a memorandum book in which to note every error in speech which they hear, and

special pains should be taken to correct them daily.

From which we deduce these Rules:

1. Things before Talking.
2. Talking before Reading.
3. Accuracy of Expression.
4. Correction of Errors.

GET up an exhibition. Run it an hour and-a-half, and then close. Give another, to let those who were ready to do a good thing but for want of time could not do it—let these show what can be done—and so keep it up. Charge ten cents, and you can raise money enough to get books for the reading circle, and have \$2.00 for the three papers we send for \$2.00.

AN invasion of ideas—a torch of truth cannot be long resisted.

WHAT is it that represents best the United States?

Is it not intelligence?

Are not those who lay broadest and deepest these foundations worthy of all honor and all help? Can we maintain our supremacy, with six millions growing up in utter darkness, without school-training, without school discipline, without intelligence sufficient to choose between barbarism and ignorance, and intelligence and progress?

Is this not the question of deepest interest and concern—this continuous education of the masses?

BLACK BOARDS.

THE spicy western flavor of the remark of your correspondent: "A school room without a black board is like a kitchen without a cook stove," has incited us to tell what we know about black boards.

It has been our fortune to have a wide experience with black boards. We have found all varieties, from hard finished walls, smooth and black as a slate, which surrounded the school room, to a battered piece of plastering three by four, which tradition says was once black.

Providence once cast our lot in an obscure town, where modern improvements were rare. Rough, knotted boards, from which the paint had long since faded, constituted our outfit. We suggested to our superintendent that the space behind our desk and facing the school be blackened. We were greeted by a gaze of fixed amazement. Finally his astonishment was voiced in these words: "What could you do with

SO MUCH BLACK BOARD?"

We discoursed eloquently on the subject. Our enthusiasm finally rose to a point that we offered to blacken the wall ourselves at our own expense. But we had aroused the superintendent, a clergyman born and bred in the Puritan faith, with a mind trained to believe in mysteries, and we received all that we required.

For one cent we purchased a curtain stick which served as ruler. One end of the board, properly ruled, served as a

MUSICAL CHART.

Across the top the alphabet was carefully written for a copy; also the nine significant figures. So much for permanency. Each night after the dismissal of the school, we wrote the lesson in numbers for the younger classes. For the youngest of all we arranged something like this:

I and I are II.
I and II are III.
II and I are III,

requiring at least an attempt at copying to be brought into class; and then erasing the results, the little ones in turn rewrote them in Roman numerals. For the next

HIGHER CLASSES

we arranged exercises after this manner:

$2x4x2x2 =$
 $4x2x3x1 =$
 $1x2x3x4$

requiring the correct answers. As a reward for faithful efforts, the little ones were permitted to write their daily spelling lessons, and to draw upon the board at the back of the room. As every one knows,

BLACK BOARDS

are simply indispensable in teaching arithmetic, but principally for the working out of problems. It is a common fault with arithmetics that they furnish too few easy examples. To remedy this, we copied upon the board problems gathered from various sources.

One half-hour each afternoon was devoted to writing or drawing. We ruled the slates after the manner of writing books, scratching the lines with a nail; then we ruled our black board and

SET COPIES,

thus: M. NAME.

This, of course, was for the youngest classes, the older ones using writing books. It is quite unnecessary to note the advantages of a black board in teaching the forms of letters and in correcting errors.

For drawing, the higher classes used books, the lower slates. It was our custom to draw the lesson upon the black board, the classes following upon books and slates, pausing from time to time to make needed corrections.

The great evil of ungraded schools is too many classes. With the aid of our black boards we reduced our geography classes to one, and

THIS IS THE WAY

we did it: We took, for example, a single State for a topic, and wrote upon the board what we considered the easiest questions to be learned by all. What was a single lesson for the first class was three for the third, and in the mean time the first class found lessons suited to its capacity upon other spaces of black board.

In a similar manner we arranged LANGUAGE LESSONS, writing upon the black board questions upon some subject; first easy, and then difficult ones, the answers to which were written in the form of sentences. Poems were written upon the board, which the pupils learned to repeat, then to sing.

Upon an obscure bit of black board we wrote a list of readable books for young people, to be found in the public library, upon another the Latin numerals. In fact, we utilized all our black boards, and our superintendent declared his faith well rewarded.

L. V. S.

NEW HAMPSHIRE, Jan. 20, 1886.

We must come not only to know and to state the fact,—but to act upon it in this country, that one citizen is superior to another, only as he helps most the masses of the people to realize their highest destiny under our present form of government.

OUR teachers work not only for the triumph of the just and the good, but the triumph of the practical and the beautiful; which will insure future prosperity in its highest form to their pupils.

When we reflect that tens of thousands of voters in the United States are unable to read the names on the ballots which they cast, we are not apt to discourse very loudly on over education. Over education is, in fact, an impossibility. The mind of man is not a machine with capacity fore-measured. With the increase of development, the capacity for development becomes greater.

"PAPA, what is the tariff?" asked a Congressman's little boy. Gazing compassionately on the youthful knowledge-seeker and sadly shaking his head, the father replied: "My son, I cannot tell a lie, I do not know."

Can you tell?

DON'T get blue. We are not going hungry. There are now about 60,000,000 bushels of wheat in sight. It is only a question of price, when we shall make large transfers from this enormous stock to the granaries of Europe.

Gov. MARMADUKE thus cordially and strongly endorses the work and plans of our efficient, careful, conservative State Superintendent.

He says: "I tell you it will take a rare combination to beat Prof. Coleman, the present incumbent, for State Superintendent of Public Instruction. He is earnest, honest and active, and attends efficiently and satisfactorily to his duties, and is immensely popular throughout the State."

We are sure the educators of Missouri will endorse the above almost unanimously.

ARKANSAS

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FRANK J. WISE, Pine Bluff, Ark... } Editors.
J. B. MERWIN..... }

EXTENSIVE preparations are already in progress to secure an attendance of five hundred teachers at the next State Teacher's Association in Arkansas.

The meeting is to be held at Pine Bluff, and the Texas & St. Louis and other railroads promise liberally.

THERE are over three thousand teachers in the State, and President Shinn intends to have the best meeting of educators ever held in the State as well as the largest one.

HAVE faith.

LET us teach and train the children not only how to wish good to all, but how to do good to all.

WHEN men go to the saloon instead of the work-shop, it is not strange that they should forsake duty for debauch. What wonder that wives and mothers should be prohibitionists and wish also to be voters, so that prayer should ripen into action, and aspiration into law!

THE price of the AMERICAN JOURNAL OF EDUCATION, after Dec. 1st, 1885, will be \$1.00 per year, in advance, postpaid. We will send the AMERICAN JOURNAL OF EDUCATION one year and the *World's Cyclopaedia* after Dec. 1st, 1885, for \$1.50.

BLACK BOARD WORK.

IN the way of sentence building: Write the messages that are sent to and from the brain when your finger touches a hot stove; when a mosquito lights on your face; when some one calls you; when the sunlight is so bright that it hurts your eyes; when you try to see in a dark room.

Write *Alcohol is a poison*. Under this write the names of all drinks that you know which contain alcohol.

What poisonous drink is made from grapes? currants? elderberries? apples? barley? corn?

What kinds of food that are healthful and pleasant are made from grapes? currants? apples? barley? corn?

You teach in this spelling, composition, writing, abbreviation, and the results of taking poison into the system.

THE gift of ex-Senator Stanford of \$20,000,000 as an endowment for a university in California, is the greatest one ever made for the advancement of education by any single individual.

It seems strange that the whole Nation cannot consent to give itself, of its own money lying idle in the Treasury, \$77,000,000, when one man alone can give \$20,000,000.

HAVE all the teachers asked for a sample copy of the New York *Weekly World*? It will be sent free if you tell them you want to examine it with a view of taking it with the AMERICAN JOURNAL OF EDUCATION. The sample only costs a postal card. Both sent one year, post paid, for \$1.50.

TEACHERS should read the market reports, use the commodities spoken of as spelling lessons occasionally, keep the older pupils, and the people too, if necessary, posted on these matters. Those best informed say the present condition of the great national banks of Europe is not such as to encourage withdrawals of gold from this country. Although the specie in the Bank of England is only at an average figure, yet the reserve stands at the very high ratio of 46 per cent.; and the banks of France and Germany combined hold \$85,000,000 more specie than a year ago, and the bulk of the increase consists of gold.

We are not to be depleted or depopulated just yet! This is a great country when you come to look it all over. Too large and too much of it for any one man to walk off with it in his pocket.

OCCASIONALLY it is well to give your class a written examination. In most city schools written examinations are carried to extremes; but in most of the country schools there is not enough of written work to give readiness and exactness in the written expression of thought.

YES! We take postage stamps—glad to get them—only, send *always* in registered letter. Packages like our aids should also be registered. New clerks on the railroads have not always been trained in practical geography, and so our teachers suffer with the rest of us for this neglect. Teach practical things, at all events.

WE give, let it be remembered, in the AMERICAN JOURNAL OF EDUCATION and the weekly *Globe-Democrat*, for \$1.50, about as much again, or about double the quantity of matter that other journals of education give for \$2.50, or they charge \$2.50 for about half the matter we give for \$1.50. Look at resources for securing the latest important news and the ability for commanding the ablest writers on such papers as the weekly *New York World* or the weekly *St. Louis Globe-Democrat*. We give either one of these great weekly papers and the AMERICAN JOURNAL OF EDUCATION one year, postpaid, for \$1.50, or all three papers, postpaid, for \$2.00.

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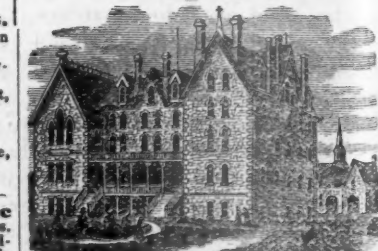
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TEACHERS MAKE \$2 A DAY as Agents for our New and Invaluable Book, "HAPPY WEDLOCK." Send 50 cents for sample copy to JOHN BOLE, Publisher, Grand Rapids, Mich. 19-1-1y Mention this Journal

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Successful Teachers seeking better positions, and Superintendents and Committees wanting good Teachers, are invited to apply to

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18-5

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Chicago Correspondence University. An institution furnishing instruction to "any person in any study."

THROUGH DIRECT CORRESPONDENCE WITH EMINENT SPECIALISTS (College Professors). To learn of present courses of study and vacancies to teach, send 10 cents for sample copy of our first-class Literary and Educational Journal.

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The Correspondence University Journal, (Agents Wanted.) 102 LaSalle St., Chicago. 18-1-1f

THE Bridge Teachers' Agency of Boston invites experienced and successful

TEACHERS

seeking a change or better positions to send postal for blank. **COLLEGES, SCHOOLS and Families** promptly supplied, without charge, with best teachers. School properties sold.

J. RANSOM BRIDGE & CO., 110 Tremont St., Boston, Mass. P. O. Box 1862. 18-6-1y Mention this Journal

THE UNION TEACHERS' AGENCY

IS NOT AN EXPERIMENT. It has been in successful operation six years. Hundreds of teachers who have obtained positions through its influence vouch for its efficiency.

SCHOOL OFFICIALS supplied with qualified teachers without charge. Send stamp for Circular and application blank.

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THE AMERICAN BUREAU OF EDUCATION Supplies

Teachers, Schools, and Families with Professors, Principals, Assistants, Tutors, Governesses, Music and Art Teachers. Apply at any time. For a registration blank send stamp to AMERICAN BUREAU OF EDUCATION, at either office (one sufficient for all), viz: St. Louis, Mo.; Dallas, Tex.; New York City; Nashville, Tenn.; New Orleans, La.; Chicago, Ill.; Atlanta, Ga.

The Horse to his Sick Master.

[Found in the stall of a favorite horse, whose owner had been confined to the house for several weeks by a severe illness.]

I am weary, my master; I am weary of my stall, I tire with watching shadows go creeping up the wall:

I tire of waiting, day by day, to hear your welcome tread—

Of turning sadly when I catch a stranger's voice instead.

I long once more to spurn the road beneath my flying feet,

To know again the fiery thrill, the pleasure fierce and sweet,—

To stretch out bravely to my work, and 'mid the rush and strain,

To feel your cool and steady hand still guiding at the rein.

I miss your kind and patient care, as day by day goes by,

The willing hand that spares no pains, the quick and watchful eye,—

I long to prove yet once again how well I love your praise,—

The kindly word that paid my toil so many happy days.

O come my master, e'er the spring has passed her freshest bloom;

Each leaf upon the waving trees now woos you from your room;

Along the roads the grass grows green, and sweet the clover springs,

And in the swaying boughs o'erhead the robin builds and sings.

Then, master, come and lead me forth,—I will not answer nay,

I wait so long, so wearily, I wait but to obey.

I promise you no trip or break shall mar my even pace,

And none shall pass, save when we choose, or lead us in the race.

And if not yet you will to try the struggle free and bold,

Still let my strength supply your want and bear you as of old;

With flying or with lingering foot, Oh! let me serve your will,

And prove my proud and happy right to call you master still.

[Anna C. Brackett.]

NATURE is the true idealist. When she serves us best; when, on rare days, she speaks to the imagination, we feel that the huge heaven and earth are but a web drawn around us—that the light, skies and mountains are but the painted vicissitudes of the soul.

THE foundation of culture as of character, is at least the moral sentiment. This is the fountain of power, preserves its eternal newness, draws its own rent out of every novelty in science.

To finish the moment, to find the journey's end in every step of the road, to live the greatest number of good hours, is wisdom.

A TEACHER writing of the importance of good reading for boys and girls, says: "I would personally recommend *Treasure-Trove and Pupils' Companion*. I believe a bright, entertaining magazine, coming as it does from month to month, will be of the most helpful nature, as most fully meeting the wants and needs of the young people. It is pure in thought and language, entertaining and attractive in general features, and educative in its tendencies. It has about it the spirit of progress and well-doing. I mention this in the interest of our boys and girls." E. L. Kellogg, publisher, New York.

READING should be taught in such a way that the thought is made prominent while the printed expression is in the background, as are the oral words in conversation.

MEDICINE is a science in which, more than any other, genius and learning should be found among those who practice it in largest measure.

WE only know those well whom we love: and the love of man is the guiding light to the knowledge of the human heart.

REMEMBER that "It is not the will of your Father in heaven that one of these little ones should perish!"

IT is a remarkable fact that a half hour's summer sunshine deflects the vast mass of the Britannia Tubular Bridge more than all the dead weight which could be placed upon it.

Let us keep full of sunshine!

GOD himself does not speak prose, but communicates with us by hints, omens, inference and dark resemblances in objects lying all around us.

OUR friends, E. L. Kellogg & Co., announce that the price of the *New York School Journal*, after January 1st, 1886, will be \$2.50 a year, an advance of fifty cents on its present price. This course seems necessary because of increased price of labor and other increased expenditures. We are glad to commend strongly to teachers who want one of the best weekly papers the *New York School Journal* and the other strong, practical, helpful publications of this prosperous firm. They are the champions of the latest methods which bring the best results. Their last is a good one, and teachers will find them a prompt, enterprising, reliable firm with which to deal.

THE *Chicago & Alton Railroad*, with its splendid equipment, quick time, dining cars, and free chair cars, direct from Chicago to Kansas City or St. Louis, and from St. Louis to Chicago or Kansas City, grows in popularity every day. California excursionists have learned how sure the connections are over this line, and they take it.

Mr. S. H. Knight, who has been so long, so intimately and so honorably identified with the *Chicago & Alton* at St. Louis, is as ready as ever to furnish tickets or information on all points and in all directions. Call on or send to S. H. Knight, Fourth and Pine streets, St. Louis, for circulars, time-tables, etc.

WE can endorse the Teachers' Co-operative Association of Chicago (170 State street,) under the management of Mr. Orville Brewer. The association has filled many of the best positions vacant in 1885. We commend our readers, both those intending to change location and those having permanent positions, to write for their pamphlet of testimonials.

HORSFORD'S ACID PHOSPHATE As a Brain Food.

DR. E. W. ROBERTSON, Cleveland, O., says: "From my experience, can cordially recommend it as a brain and nerve tonic, especially in nervous debility, nervous dyspepsia, etc., etc."

THE NEW EDUCATION.

OUR esteemed friend, Dr. C. M. WOODWARD, has been receiving a series of ovations in very different sections of the country. Without being a prophet or the son of a prophet, we would call attention to the spirit of the times as evinced by the public sentiment, which everywhere greeted him not only in Europe but in this country. We find him delivering five lectures within the short space of six weeks, on one and the same theme, "Putting the Whole Boy to School." In Philadelphia, before the Public Education Association and Social Science Association; in Boston, in the Institute of Technology, before the citizens of the hub, in response to a call signed by the mayor and superintendent of schools; in New York, a citizen's meeting, called by Dr. Felix Adler, and held in the hall of the school supported by the Ethical society; in Toledo, before the School Board and Directors of Toledo University; in St. Paul, before the School Board and citizens in the High School hall. There is nothing new or startling in the statements made by Dr. Woodward. He simply sticks to his text, which is, that a purely book education is defective and one-sided; that training hands and eyes and arms is a necessary part of a liberal education; that it means both economy of school force and increase of intelligence on the part of pupils and teachers.

There is so much straight forward common sense in these utterances, that though every school master in the land should refuse to listen, we are confident there are enough others to take hold of the reform and carry it forward. It was so in England, it will be so here. In a progressive civilization like ours, where the general information and intelligence of a boy of fourteen equals that of an adult in the Renaissance period, a modification of the ancient spirit of "keeping school" is demanded, in the direction of more symmetrical training, besides eradicating the great mistake which people make, that there is no intellectual or mind training in hand labor.

We are glad, therefore, to notice the favorable receptions tendered to our friend, not so much as a tribute of honor to the individual, but as a sign as to which way the wind is blowing the thoughts of the public mind, and with this intent commend them to the attention of our readers.

We notice with pleasure that several of the large educational meetings lately held in Missouri have cordially and strongly endorsed the careful and conservative administration of State Supt. Coleman; recognizing not only his ability, but the sure and steady advance of all the educational interests of the State.

These resolutions of confidence should not only be passed, but should be published in every county. We know how he is besieged to grant State certificates to unworthy and incompetent persons, who are unable to secure a certificate in the county where they reside, and for his fidelity in this direction he is liable to be misrepresented and traduced, instead of which he should be vigorously sustained.

The financial condition of the schools in many counties has also been greatly improved under his supervision.

If we were only a democratic State, guided and controlled by democratic principles, there would be still further improvement in this direction—but as it is, an ignorant, stupid, selfish minority, can, and do control in altogether too many instances.

With more intelligence to guide, and more wisdom to administer, however, there is a steady advance being made.

SCIENTIFIC STUDY.

ARCHDEACON FARRAR, in his address at the John Hopkins University, said:

"Let me speak of the immense delights of scientific study. God has placed us in a world which He means us to admire. There are beauties and wonders, and God made them all. It is impossible to measure the difference of degrees of happiness of a man with a seeing eye and a hearing ear, and another who has grown up blind and deaf to his surroundings.

God has given us the instinct of beauty, and there is no greater proof of His being than the fact that He has placed around us the means of gratifying those instincts.

It is amazing to think what the world might have learned by grasping the simplest facts around us. But it was only to the mind of Newton that the simple falling of an apple suggested the great law of gravitation. To Watts the condensation of steam upon a spoon revealed the secret of the steam engine.

Gallileo, watching the swinging of the great bronze lamp in the cathedral at Pisa, and measuring it by the beating of his pulse, discovered the isochronism of the pendulum. Huyghens looked through a piece of Iceland spar, and put into our hands a means of reading the secrets of the stars.

All these things may be called accidents which happen only to trained and observant minds; and I think that even now there are other open secrets about us, and that the discoveries of modern times might have been made earlier if minds had been properly trained."

It is said that if type-writing should be added to the curriculum, and adequate facilities furnished for the

study, at least two-thirds of the pupils in the high schools would take it up. If the sixteen weeks given to mental philosophy by boys and girls of fourteen to seventeen were devoted to type-writing, they would acquire something which might be of advantage after graduation.

What do you think of it?

ALL valuable letters and packages should be registered. Registry fees only ten cents, which, with the postage, must be fully prepaid. It will take some time for the new men to learn routes and proper destination, but if valuable letters and packages are registered they can easily be traced up.

WHEN you consider the amount of reading matter, the variety given, the ability displayed in the *ten page* weekly *Globe-Democrat*, and realize that, taken with the AMERICAN JOURNAL OF EDUCATION, it costs only 50 cents a year. You see why subscribers pour in. You and your friends, too, can secure it on this basis.

You get the whole *World*, remember, *fifty-two times* a year, postpaid, for only 50 cents, taken in connection with the AMERICAN JOURNAL OF EDUCATION.

MANUAL TRAINING.

IT is hoped that the following proposition will meet the eye of every teacher in the United States and Canada, and all editors and managers of journals, newspapers, and periodicals are respectfully invited to give it a place in their columns. Our motive is not mercenary; we wish to give practical encouragement to the movement to put Manual Training into American Education. Teachers protest:

"How can we give what we do not possess? How can we teach what we have never learned?" We are well prepared and willing to help them on.

TO TEACHERS, STUDENTS, AND OTHERS INTERESTED IN MANUAL TRAINING:

It is proposed to open the shops and drawing rooms of the St. Louis Manual Training School during the Summer of 1886, from the middle of June till the end of July or the middle of August, and to organize classes of adults in manual work, for the special purpose of enabling teachers to fit themselves for giving manual instruction.

We contemplate classes as follows:

1. In Projection, Isometric, Machine and Detail Drawing; Line and Brush Shading, Lettering, Tracing, etc.
2. In Bench and Lathe Work in Wood, including Wood Carving.
3. In Modelling in Clay and Plaster; in Moulding in Sand and Casting in Plaster.
4. In Iron and Steel Forging.
5. In Iron and Steel Turning, Planing, Drilling and Fitting.

The full details of the program cannot be published till the number and wishes of applicants are known. It may be assumed: that the school will be in session six hours per day and six days per week; that a member may devote his time to one, two, or three subjects; that some consideration may be necessary to secure equal privileges to all members; that sufficient uniformity will be insisted on to illustrate the class-method of tool instruction; that men and women will be received on equal footing; that tuition fees will be at the uniform rate of 12-15 cents per hour; that all tools and materials in the shops will be furnished; that members will furnish their own drawing instruments and paper; that all drawings and specimens of shop work will become the property of the makers; and that no allowance will be made for occasional absences.

An intelligent and earnest teacher, who devotes four hours a day for six days per week, and for six weeks, will make as much progress as an average 15-year-old boy makes in the shop allowances of an entire year. The same may be said of drawing two hours a day.

The capacity of the school for manual work is as follows:—

- Forty-eight drawing stands.
- Forty-eight wood-working benches and sets of hand tools.
- Forty-eight wood lathes and sets of turning tools.
- Twenty-four moulding and modelling benches.
- Twenty-two anvils and forges.
- Twenty places in the machine and fitting shop.

And I have an adequate number of very competent teachers.

Now I wish every person, who desires to secure a place in the Institute during the coming summer, to write me at once giving: his full name, age, occupation, residence, the probable lines of manual work, and the number of hours to be devoted to each. I suggest drawing an hour or two, and one kind of shop work for the rest of the day. If responses are promptly made, I can issue a definite program in March and secure places to as many as we can receive. I shall give the preference to teachers and those more than eighteen years of age.

Good plain board and lodging can be found in the neighborhood for five dollars (\$5.00) per week.

To School Boards and Managers I suggest the great propriety and economy of continuing the salaries of such teachers as may attend this Institute, and of paying the same upon my certificate of attendance here. In no other way can they get so cheaply correct ideas of the methods of Manual Training.

Should the number of applications be small, the school will not be organized this year.

C. M. WOODWARD,
January 20, 1886.

TEXAS

EDITION

American Journal of Education.

\$1.00 per year in advance.

W. S. SUTTON, Ennis, Tex. { Editors.
J. B. MERWIN }

THE Ellis County Teachers' Association held its last session in Waxahatchie. Forty teachers were present. The exercises elicited energy and enthusiasm. A

READING CIRCLE

has been organized, and will progress under the auspices of the Association. The next meeting will be held on the first day of March, next. Every Ellis County teacher should be there. You can't afford to be absent,

MAJOR W. A. BANKS, formerly the President of St. John's College, Little Rock, Ark., is now Superintendent of the public schools, Bryan, Tex. He is a ripe scholar and a successful educator, and is accomplishing great good for the people of the Lone Star State.

PROF. SMITH RAGSDALE is a candidate for the office of State Superintendent. He is an old teacher, and would bring brains and energy to the office. He will make a warm race for the man who defeats him.

THE pupils of the Ennis High School will give a Longfellow entertainment on the evening of the 27th of February. The exercises will consist of songs, recitations, declamations from Longfellow, a sketch of his life, and a review of his style and works. Miles Standish, dramatized will also be presented.

ABOUT \$10,000 AN HOUR.

Editors American Journal of Education:

THERE is about ten thousand dollars in money expended every hour in this country for school purposes or to maintain the schools.

"The total annual school income reported by all the States and Territories is \$38,788,074. How much is that a month? How much a week? How much a day, counting ten hours?"

The income per month according to the above figures is \$6,982,339; per week, \$1,611,309; per day of ten hours, \$305,640.

To the reflective mind this will at once suggest itself as one of the fundamental causes of the prosperity of our country. What other nation will even bear comparison with the United States in this respect?

Well have you taken as the motto of your journal:

"Universal education, the safety of a Republic."

If this fact was laid before the intelligent working men of this country that capital was paying in to the public school fund every working day of their lives the enormous sum

of \$95,640, every hour of a working day, they would doubtless pause before joining in any tirade against their benefactors.

For whom is the public school, if not for the working people? and what sustains the public school system, if not this accumulated capital, that can and does stand such a constant drain upon it? Let us look on all sides of this question carefully.

Cordially wishing you success in your noble work, I am very respectfully,

H.
GALVESTON, TEXAS, Jan. 20, 1886.

TEXAS.

TEXAS should put her young men to the front!

Send Prof. Alexander Hogg of Fort Worth, to Congress. He is up on railroad matters. He is also posted on educational affairs. Read his speech before the Convention of Superintendents at Fort Worth, on the Blair bill; the necessity for this measure; its constitutionality; its basis; its precedents. Every teacher in Texas ought to have that speech read and committed to memory for declamation. The Normal pupils ought to read it and commit it to memory. That measure would help the schools of Texas and of every other State.

Evidently Texas needs some new and younger blood in Congress. Prof. Hogg ought to be sent, and some other live men with him.

The convention at Fort Worth unanimously adopted the following resolution:

Resolved, 1. That the Texas Association of City Superintendents, assembled in convention, do endorse the bill before Congress known as the Blair bill, or some other just and wise measure extending to the whole country federal aid in behalf of the education of all the children of the respective school ages, upon the basis of the illiteracy of the people.

Resolved, 2. That we request our Senators and Representatives in Congress to vote for such a bill.

Resolved, 3. That our secretary be instructed to send each member of the Texas delegation a certified copy of these resolutions.

ALEX. HOGG, Chairman.
W. A. BANKS,
D. F. HUGHES.

RIVERS and harbors can wait, pension claims can wait, office-seekers can wait, but all over the country, the rapidly increasing population, the lack of proper educational facilities for the people warn you that this question of federal aid to education *an not wait*.

THAT splendid offer to send either the weekly *Globe-Democrat*—ten pages—or the weekly *New York World* for 50 cents a year, postpaid, with this journal, takes. It ought to.

AN illiterate man is a masterpiece going backward.

We stop all papers at the expiration of the time for which they have been paid.

How many words can you make make from "Fantasma?" Children and older people, too, will get some new ideas of the power, value and extent of our language, by these experiments.

A prize of \$20 in gold, offered by the Hanlons to the pupil of the public schools who should form the most words from "Fantasma," was publicly awarded to little Gracie Field of Newstead avenue.

This is a good exercise to keep the pupils profitably employed.

The association of the superintendents of Texas, at its recent session in Ft. Worth, unanimously adopted a resolution favoring the passage of the Blair bill. Supt. Alex. Hogg of Ft. Worth, is an especial advocate of this bill, or of some similar bill.

Supt. Crow of Galveston, is the new president of the Superintendents' Association. He is a modern school man, and brings a clear head and a willing hand to his office.

OUR friends do a good thing for themselves and the publishers too, in mentioning this journal when making inquiries for articles advertised in these columns. We hope they will keep it up. Advertisers wish to reach an intelligent constituency, and they have something of value to every person to offer in our columns.

REAL thought is, with the help of memory, the fundamental power of the mind. Only in thought, its activity takes shape and acquires value.

THE United States Senate have the right, and that right must be respected at all times and under all circumstances, to inquire into and to demand, if they see fit to do so, the reason for the removal of any public officer, wherein the interests of the public service are involved.

We are a nation of citizens—not a flock of subjects!

EVERYBODY agrees that somebody must work. But if with the pen what more delightful occupation if armed with one of Esterbrook's? The stationers keep them.

POND'S EXTRACT is known everywhere, and well merits its reputation as the "People's Remedy," and *Universal Pain Destroyer*. For over forty years this great vegetable compound has proved its efficacy, and never failed to do its duty when brought into use. It has won its greatest renown as a subduer of all pains and inflammations, and should be in every household. POND'S EXTRACT cures SORE THROAT, QUINSY, INFLAMED TONSILS, WOUNDS, BRUISES, PILES, CATARRH, ETC.

The recent session of Texas superintendents, held at Ft. Worth on the 28th, 29th and 30th days of last month, was an educational meeting of rare excellence. Many of the leading men of the State were there. Ft. Worth, with her usual hospitality and energy, contributed largely to the pleasure and success of the meeting. Col. Chambers, Judge Furman and Col. Smith, citizens of the Fort, especially interested themselves in the deliberations of the body. Our space is too small to admit a mention of all the good things of the session. The spirit of the convention may be read in the following remark from Supt. Crow of Galveston:

"In all our labors we must be loyal to principles, but grant concessions in minor details."

THE *Cairo Short Line* has no entangling alliances. It is the direct line to the South, Southeast and Southwest. Its equipment is unsurpassed, and its management is such as to hold on to the local and through traffic, and to gain steadily. Elegant passenger coaches, quick time, polite and attentive service on the part of employees, are special features of this line, and, say what we will, this tells. Mr. G. W. Parker, the General Manager, and Mr. B. F. Blue, the General Passenger Agent, will not tolerate any other style of conduct.

The Cairo Short Line is the shortest and most direct route from St. Louis to "The sunny South," making direct connection at Cairo with the Texas & St. Louis, through Arkansas and on into the heart of Texas.

WHAT wonder that OLIVER DITSON is hale, and hearty and happy. How could it be otherwise with a man who has filled almost every home between the Atlantic and the Pacific with song and melody? Their school song books make the millions of school children happy. Their glee books make the young people happy. Their series of three splendid College song books, including all the old popular college songs and a host of new ones, will make the College boys and all their "best girls" happy! Their church music will help to make the church people happy. Well, who that knows the power of song everywhere in the wide world, is there, who does not know and appreciate what this great music publishing house has done for the people in this direction? Their latest hit is the three college song books just issued, and a new temperance song book.

Send for them. Address Oliver Ditson & Co., Boston.

MR. GEO. ALLEN of Newbern, N. C., wants agents to introduce and sell his "Forty Lessons in Double Entry Book-keeping." They are good lessons, too; short, practical and valuable.

IOWA.

THE Central School Journal says:
 "It is to be hoped that the Blai Educational Bill will receive immediate attention from congress. Federal aid to education is an imperative need. Of all the dangers which menace a republican form of government, none are to be dreaded more than those arising from the illiteracy of the people. Our free school system is the foundation upon which the permanence and safety of our republic depend, and it should be aided and increased in every possible way. The South has special need for national aid, and we trust that her influence is potent enough to produce some effect. Reports from the census show an increase of illiteracy in some of the Southern States during the past ten years. Thoughtful men may well consider this."

Have all the teachers in Iowa signed and sent on a petition for national aid? Have they also secured the names of all school officers in the State to such a petition? It ought to be done and it can be done with praise to all.

ALONE, in all history, Jesus estimated the greatness of man.

THE secret of success in society is a certain heartiness and sympathy. A man who is not happy in the company cannot find any word in his memory that will fit the occasion. All his information is a little impertinent.

INTELLIGENCE lights up the depths of the conscience of the masses with an invisible lamp, until each person is enabled to realize and fulfill his duty to his neighbor.

SECOND EXCURSION TO CALIFORNIA.—The Illinois Central Railroad will run another Pullman Palace car excursion to Los Angeles and San Francisco, leaving Sioux City at 3 p. m., Monday, February 15th, Dubuque 7 a. m., February 16, Chicago 8:30 p. m., February 16, St. Louis, via Cairo Short Line, at 7:20 p. m., making four days stop at the New Orleans Exposition. This route to Southern California has the advantage of all others, in being free from snow and ice, and passing through Kentucky, Tennessee, Mississippi, Louisiana, Texas, New Mexico and Arizona. For Circulars giving rates of fare and full information concerning this excursion, and the American Exposition at New Orleans, address the undersigned, at Manchester, Iowa.

J. F. MERRY,
 General Western Passenger Agent.

Or A. H. HANSON, General Passenger Agent, Chicago; or, JOHN BENLEY, General Agent Illinois Central Railroad, 104 North Fourth Street, St. Louis.

GREAT duties are evolved from the knowledge and liberty we possess.

LET us constantly show people examples which they can follow and love to imitate.

To mount from darkness to light, is good; but to turn from error to truth, is grand!

INTELLIGENCE initiates the masses into the secret workings of a great soul, until they come to apprehend its power and follow its teachings.

CURRENT EVENTS.

LET some of the older pupils, or in a general exercise let your school answer these ten questions:

1. Write the full name of this country.
2. Name the States which excel in the following productions: (a) corn, (b) wheat, (c) oats, (d) potatoes, (e) sweet potatoes, (f) tobacco, (g) cotton, (h) wool.
3. What State produces the most maple sugar?
4. What city in this country is called the "Garden City?"
5. Who are called "Hawk-eyes?"
6. When the pendulum of a clock is lengthened does it gain or lose time?
7. Where is Bunker Hill?
8. What is a patent?
9. Where is the eastern terminus of the Erie canal? Where the western?
10. What American city stands first in the production of flour?

"NOT DOT PERSPIKOOITY."

AN educated Tenton, who knows everything: "Der fault I haf to find mit der English is dot it has not dot perspiikooity dot ter Teherman has. Now, for example, in der English you say 'science.' Dot conveys no idea. In Teherman we haf der simple word, 'Wissenschaftlichen,' vich is melodious and comprehensif. It is der same mit your papers. You haf a 'Real Estate Journal.' Dot is three words. In Teherman we say, 'Grundelgenthumzeltung,' in one. It is more flexible. In your theater you haf a paper called der 'Entr'acte.' We call such a paper, 'Theatrzwischenaktszeltung.' It is more peautiful. English is a veak langkwitche: unt, pesides, Tehermans speak it unt write it petter as der English."

POSTAGE Stamps? Yes, of course, we take them for subscriptions. Order either one of our liberal premiums and enclose \$1.50 in stamps of the denominations of 1, 2, 4, 5 or 10 cents, and send them along. Only be sure and register the letter. Address J. B. MERWIN, Editor, 11 North Seventh street, St. Louis, Mo.

HORSFORD'S ACID PHOSPHATE As a Brain Tonic.

DR. S. F. NEWCOMER, M. D., Greenfield, O., says: "In cases of general debility and torpor of mind and body, it does exceedingly well."

Littell's Living Age.



JAN. 1, 1886, THE LIVING AGE entered upon its 168th VOLUME, having met with continuous commendation and success. A WEEKLY MAGAZINE, it gives more than Three and a Quarter Thousand

double-column octavo pages of reading matter yearly. It presents in an inexpensive form, considering its great amount of matter, with freshness, owing to its weekly issue, and with a completeness nowhere else attempted.

The best Essays, Reviews, Criticisms, Serial and Short Stories, Sketches of Travel and Discovery, Poetry, Scientific, Biographical, Historical, and Political Information, from the entire body of Foreign Periodical Literature.

It is therefore invaluable to every American reader, as the only satisfactorily fresh and complete compilation of an indispensable current literature—indispensable because it embraces the productions of the

ABLEST LIVING WRITERS

in all branches of Literature, Science, Politics and Art.

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"It has now for many years held the first place of all our serial publications. There is nothing noteworthy in science, art, literature, biography, philosophy, or religion, that cannot be found in it. It contains nearly all the good literature of the time."—The Churchman, N. Y.

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WHAT we do and suffer, is in moments; but the cause of right for which we labor, never dies, works in long periods, can afford many checks, gains by our defeats, and will know how to compensate our extremest sacrifice.

Oh! earth is not a place of exile since we have the children—God's angels with us.

It is said that "A poet is a world shut up in one man's breast."

WHAT is civilization? We answer, The power of good women.

DISSIMULATION may seem for the moment to be profitable; they may be combined with skill; but they are always base.

RECENT LITERATURE.

D. C. HEATH & Co. send us *Studies in General History*, by Mary D. Sheldon, student's edition. "This book is not a history," the author says, "but a collection of historical materials." Thus in Greek history it gives a chronicle of great deeds, pictures of buildings and statues, extracts from speeches, laws, poems. In the early mediæval period, during the crusades, through the Renaissance, the French Revolution and the nineteenth century, studies are offered of the government, famous men and works, contemporary literature, etc., of the various leading nations. The book is particularly useful as a work of reference for young or older readers. Handsomely printed and bound. It will be frequently consulted with profit in any library.

DARWIN. *Descent of Man, and Selection in Relation to Sex*. New edition; revised and enlarged. New York, J. Fitzgerald. (Humboldt lib., No. 76,) paper, 15 cents.

THE *Popular Science Monthly* gives us both science and geography. Gen. John Newton, Chief of Engineers United States Army, originator of the plan and director of the work, has prepared a complete account of the operations for the removal of the obstructions at Hell Gate, from their beginning to the explosion of Flood Rock, in October last, which will appear with full and new illustrations as the leading article in the February number of *The Popular Science Monthly*. New York, D. Appleton & Co.

THE publishers respectfully call attention to the fact that in the contents of the "mid-winter" Century may be found a remarkable variety of subjects of public moment; and an equally remarkable list of names associated with the history, literature and art of America. The leading article in "Topics of the Time" expresses the editorial view of "The Demand of American Authors." In the "Open Letters" Bishop Dudley and the Rev. J. H. Hopkins express Episcopalian views in regard to "Christian Union," and H. C. Fuller's comments on the Rev. Lyman Abbott's recent article discussing socialism under the title, "Danger Ahead." A prose sketch of negro humor, "Out on a Scourge," by Eva M. De Jarnette, is a feature of Bric-a-brac.

GINN & Co. of Boston send us *The Place of Art in Education*, a lecture by Thomas Davidson, from which we do not get any very definite or new ideas. It was read before the American Social Science Association, at Saratoga, September 8, 1885.

THE number of students registered in the University of Michigan up to date, is as follows: Literary Department, 564; Law, 271; Medical, 334; Dental, 83; Pharmacy, 61; Homoeopathic, 47; total number of students in the University, 1,350.

Let us see—how many are there in the Missouri State University?

The Book Buyer. Full of just the information every intelligent person needs, will hereafter be illustrated and the subscription is increased to \$1.00 a year. Charles Scribner's Sons, New York.

WE are glad to get the *Report and Catalogue of the Woman's Department of the World's Exposition*, New Orleans, which contains a complete summary of all the work accomplished by this department. The opening pages are occupied with the report of Mrs. Howe, the distinguished lady who filled the responsible position of president.

ST. NICHOLAS for February has a varied table of contents. "Fish-spearing through the Ice," shows how some clever boys improved on an ingenious Indian mode of fishing. Sophia Swett has an amusing "coasting" story called "The Girl Who Lost Her Pocket," and there are bright Valentine verses of Elizabeth Cummings, and others. And there is a great deal else that is good, including some verses by Dora Read Goodale, Bessie Chandler, and others.

SHAKESPEAREANA, published by the Leonard Scott Publishing Co. of Philadelphia, has come to be not only a valuable help to all readers of the great poet, but almost a necessity to those who study Shakespeare closely and analytically. We commend it to all.

THESE "Elocutionists' Annuals," thirteen numbers of which have been issued by "The National School of Oratory," are especially valuable and interesting to more advanced students. They are strongly endorsed by our best educators.

WIDE AWAKE for 1886 will be more attractive, if such a thing is possible, than ever. Its list of contributors embraces all the old favorites and some new ones. Its illustrations will be equal to the reading matter in variety and extent. Every issue is a marvel of beauty and interest to all. Its tone is pure, and the young people and old ones too, watch eagerly for each succeeding issue. D. Lothrop & Co., Boston.

GINN & COMPANY of Boston, sends us *First Steps in Number*. A primary arithmetic, by Wentworth & Reed. Pupil's edition. A *Grammar School Arithmetic*. By G. Wentworth, A. M., professor of mathematics in Phillips Exeter Academy. *The First Steps in Number*. By F. A. Wentworth and E. A. Reed. Teachers' edition. All printed and bound in good style, and these experienced instructors should be able to present the best methods, if not new ones.

THE WRITERS' PUBLISHING COMPANY, 21 University Place, New York, send us a handsome portrait of Noah Webster, "The Schoolmaster of the Republic." The engraving is furnished at 50 cents per copy, or, if framed, at \$1.25 per copy. A fine thing for the schools or for a private library.

Cassell's *Family Magazine* for February opens with a new serial, "A Wilful Young Woman," a new story of an old subject, which grows in interest with every chapter, and which is followed by a character sketch of "A Typical New Yorker," by an American. It presents a rare table of contents of absorbing interest besides.

E. L. KELLOGG & Co. of New York, send us *Reception Day*, No. 4; a collection of fine, original dialogues, recitations, declamations, and short pieces for practical use in private and public schools. They also send us the philosophy of education; or, the principles and practice of teaching; with a fine introduction by E. E. Sheib of the Louisiana Normal School. This work has long been held in high esteem by thoughtful teachers; and no more lucid and compact statement has been made of the principal of teaching.

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[From the Mail, (Canada), Dec. 15].

Catarrh is a mucous-purulent discharge caused by the presence and development of a vegetable parasite in the internal lining membrane of the nose. This parasite is only developed under favorable circumstances, and these are: morbid state of the blood, as the blighted corpuscle of tubercle germ poison of syphilis, mercury, toxemia, from the retention of the effete matter of the skin, suppressed perspiration, badly ventilated sleeping apartments, and other poisons that are germinated in the blood. These poisons keep the internal lining membrane of the nose in a constant state of irritation, ever ready for the deposit of the seeds of these germs, which spread up the nostrils and down the fauces, or back of the throat, causing ulceration of the throat; up the eustachian tubes, causing deafness; burrowing in the vocal cords, causing hoarseness; usurping the proper structure of the bronchial tubes, ending in pulmonary consumption and death.

Many attempts have been made to cure this distressing disease by the use of inhalants, medicated vapors and other ingenious devices, but none of these treatments can do a particle of good until the parasites are either destroyed or removed from the mucous tissue.

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Messrs. A. H. DIXON & SON,
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and inclose stamp for their treatise on Catarrh.

What the Rev. E. B. Stevenson, B. A., a Clergyman of the London Conference of the Methodist Church of Canada, has to say in regard to A. H. Dixon & Sons New Treatment for Catarrh:

OAKLAND, ONT., CANADA, March 17, '83.

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DEAR SIR: Yours of the 17th inst. to hand. It seems almost too good to be true that I am cured of Catarrh, but I know that I am. I have had no return of the disease, and never felt better in my life. I have tried so many things for Catarrh, suffered so much for so many years, that it is hard for me to realize that I am really better.

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Yours, with many thanks,
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EDITION

American Journal of Education.

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J. B. MERWIN.....

LOUISIANA.

MRS. M. H. WILLIAMS, of the Educational Association of Louisiana, says: "The people need to be educated on the subject of teaching; their relations to the teacher and his requirements. Superintendent Easton has done much to arouse the people and teachers, through the Teachers' Institute held throughout the State last spring. He is doing all he can to give us a good public school system; but he cannot do this work unaided.

There is much to be done; we need money to lengthen the school term to nine months, and to pay teachers promptly and liberally. No school can afford to employ a poor teacher or a cheap teacher."

To degrade men intellectually is to deform them spiritually and physically.

ILLITERACY is night and darkness laying its hand like a pall over the soul of the Nation to crush its hopes.

ALABAMA.

MR. A. SNODGRASS of the Herald Scottsboro, Ala., on the question of Federal Aid to Education, says:

"As we understand the bill now before Congress, it has been so changed that it contains but an isolated question as to whether a certain large sum of money that has been taken from the people through unwise legislation and revenue processes, and is now on hand, shall be returned to the people to whom it rightfully belongs, and restricted to the work of education. With that view of the subject, we might favor the passage of the bill. But we will make the point right here, that one of the most serious obstacles in the way of education and progress in our country, in our judgment, is the inclination of our people to look to the government for aid. The true Democratic theory upon which our political government rests, is to the purport that the people must support and maintain the government in a pecuniary point of view, rather than the government take care of the people. As we believe, the more the people are urged and taught the virtue of self-reliance, as well in education as otherwise, the better it will be for both themselves and the government."

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A wise person asks: "How is it that we find so many good things in books on education, and so seldom a good teacher?" Is it not because books theorise, and teachers have the reality to do with and deal with?

THE "New Education," in the language of Prof. C. M. Woodward, Dean of the Manual Training School of Washington University, is "putting the whole of the pupil at school." The old education is "routine in the three R's." We are for the new education all the time.

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For Broken Breast and Sore Nipples. Mothers who have once used The Extract will never be without it. Our Ointment is the best emollient that can be applied.

Female Complaints. In the majority of female diseases the Extract can be used, as is well known, with the greatest benefit. Full directions accompany each bottle.

CAUTION.

Pond's Extract Has been imitated. The genuine has the words "Pond's Extract" blown in the glass, and our picture trade-mark on surrounding buff wrapper. None other is genuine. Always insist on having Pond's Extract. Take no other preparation. It is never sold in bulk, or by measure.

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25 YEARS IN USE.

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SYMPTOMS OF A TORPID LIVER.

Loss of appetite, Bowels constive, Pain in the head, with a dull sensation in the back part, Pain under the shoulder-blade, Fullness after eating, with a distention to exertion of body or mind, Irritability of temper, Low spirits, with a feeling of having neglected some duty, Weariness, Dizziness, Fluttering at the Heart, Dots before the eyes, Headache over the right eye, Restlessness, with awful dreams, Highly colored Urine, and CONSTIPATION.

TUTT'S PILLS are especially adapted to such cases, one dose effects such a change of feeling as to astonish the sufferer. They increase the Appetite, and cause the body to Take on Flesh, thus the system is nourished, and by their Tonic Action on the Digestive Organs, Regular Stools are produced. Price 25c. 44 Murray St., N. Y.

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-11-17

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THE St. Louis Catholic Lecture Bureau has placed the whole city under obligation for one of the most brilliant series of lectures ever given here. The topic of "Modern Culture," using the words in their highest sense, in their relation to religion, society, art and science, has been treated, not from a sectarian or religious standpoint at all, but from their bearing upon individuals, and upon society at large.

The people have been greatly delighted and instructed in listening to these eminently representative divines of the Roman Catholic Church, in the persons of Bishop Keane of Richmond, and Bishop Spalding of Peoria, Rev. Thos. O'Gorman, formerly of St. Paul's, New York, and on the part of the Jesuits in Rev. Thos. Hughes, S. J., of this city, all of whom enjoy a National reputation.

PROF. HAYNES deserves the most cordial and the largest co-operation on the part of all our teachers, in his efforts to make the next meeting of the State Association at Sweet Springs a strong, powerful, representative body. We must make ourselves felt not only in numbers but in the wisdom and unity of our efforts. Let us begin now to make calculation to be present.

THE great weekly papers we send with this Journal furnish an intellectual meal of many courses. A good paper is an intellectual telescope; it brings the affairs of a nation vividly before your mind for contemplation and study and comment. Stories of crime, even, are a means of education when the consequences of the crime are coupled with the story. The press is the most terrible engine for the punishment of crime, as it arraigns the prisoner before the bar of public opinion for trial and sentence.

IN accordance with the custom of the day, the BURLINGTON ROUTE is now running California Excursions from the Missouri River in connection with the Denver & Rio Grande, Central and Southern Pacific Railroads, connecting at Omaha and Pacific Junction with regular trains from Chicago, Peoria, St. Louis and other eastern points. Both first-class and cheap-rate excursions are run, leaving the Missouri River on the following dates:

First Class—Feb. 3d and 17th, to Los Angeles; March 3d, to San Francisco.

Low Priced—To all California emigrant points, on Wednesdays of every week until June 30th inclusive.

"ELLA, my child," said a prudish old maid to a pretty niece who would curl her hair in ringlets, "if the Lord had intended your hair to be curled, He would have done it Himself."

"So He did, Auntie, when I was a baby; but He thinks I am big enough now to do it myself."

KANSAS.

State Teachers' Association. SCHOOL teachers who were former residents of Illinois, organized for the purpose of encouraging Illinois teachers to attend the National Association, which meets in Topeka in July, 1898. Prof. Wilkinson, Emporia, W. M. Jay, Wellington, and Miss G. Baynard, Topeka, were appointed as a committee to take charge of the work. Persons from Illinois who intend to visit the National Association should correspond with the above parties.

J. M. BUTLER, Secretary.
Supt. Schools, Coffeyville, Kansas.

BISHOP T. H. VAIL, President of Bethany College, Topeka, Kansas, with his twenty-six officers and teachers, has made this institution one of the best in the whole West. Send to the "Burser T. C. Vail Topeka for Catalog."

Our Premium Cyclopoedia.

I HAVE come to the conclusion that it is not one of the best, but the best book of reference, in a condensed form, that I have ever seen.

It is essentially a book for the people, and by this I mean for that very large majority of persons who cannot afford to buy the more elaborate and expensive works of the same kind. I am sure that were its excellence more generally known it would soon find its way into almost every household in the land.

The great mystery with me is, how you can afford to give away such a work. Very respectfully,

J. M. BEALL.

We send it free, post-paid, with this Journal for 50 cents. Price for both, \$1.50.

If our teachers want to go West and grow up with the country, or if their friends wish to do so, the "International Immigrant Union," which is well vouched for, presents in this issue some strong attractions.

MR. W. H. GARRETT is constantly making not only very successful but astonishing experiments with his Lightning Ink Remover. He takes notes written with Arnold's or any other writing fluid, and in less time than it takes to write this, cleans off every vestige of ink—amounts, dates and all.

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It is a fact that the school education of great multitudes is nominal—not real.

THE testament of the soul is revealed by words, and its first as well as its last will is made known by speech.

To know nothing is bad—but not near so bad as to do nothing.

A Skin of Beauty is a Joy Forever.
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Oriental Cream, or Magical Beautifier



Removes Tan, Pimples, Freckles, Moth Patches, Rash and Skin diseases and every blemish on beauty, and defies detection. It has stood the test of 30 years, and is so harmless we taste it to be sure the preparation is properly made. Accept no counterfeit of similar name. The distinguished Dr. L. A. Sayre, said to a lady of the *haut ton* (a patient): "As you ladies will use them, I recommend 'Gouraud's Cream' as the least harmful of all the Skin preparations." One bottle will last six months, using it every day. Also Poudre Subtile removes superfluous hair without injury to the skin.

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The "SCIENCE OF A NEW LIFE," written by JOHN COWAN, M. D., is worth its weight in gold to every thoughtful Man and Woman, and has received the highest testimonials and commendations from leading medical and religious critics; has been heartily indorsed by all the leading philanthropists, and recommended to every well wisher of the human race.

TO ALL WHO ARE MARRIED

Or are contemplating marriage, it will give information worth HUNDREDS OF DOLLARS, besides conferring a lasting benefit not only upon them, but upon their children. Every thinking man and woman should study this work. Any person desiring to know more about the book before purchasing it may send to us for our 16-page descriptive circular, giving full and complete table of contents. It will be sent free by mail to any address. The following is the table of contents:
Chapter I.—Marriage and its Advantages. Chapter II.—Age at which to Marry. Chapter III.—The Law of Cheloa. Chapter IV.—Love Analyzed. Chapter V.—Qualities the Man should Avoid in Choosing. Chapter VI.—Qualities the Woman should Avoid in Choosing. Chapter VII.—The Anatomy and Physiology of Generation in Woman. Chapter VIII.—The Anatomy and Physiology of Generation in Man. Chapter IX.—Amorality.—Its Use and Abuse. Chapter X.—The Prevention of Conception. Chapter XI.—The Law of Continence. Chapter XII.—Children.—Their Desirability. Chapter XIII.—The Law of Genita. Chapter XIV.—The Conception of a New Life. Chapter XV.—The Physiology of Inter-Uterine Growth. Chapter XVI.—Period of Gestative Influence. Chapter XVII.—Feternity.—Its Signs and Duration. Chapter XVIII.—Disorders of Pregnancy. Chapter XIX.—Confinement. Chapter XX.—Management of Mother and Child After Delivery. Chapter XXI.—Period of Nursing Influence. Chapter XXII.—Fetidity. Chapter XXIII.—Diseases Peculiar to Women. Chapter XXIV.—Diseases Peculiar to Men. Chapter XXV.—Masturbation. Chapter XXVI.—Sterility and Impotence. Chapter XXVII.—Subjects of which More might be said. Chapter XXVIII.—A Happy Married Life—How secured.
The book is a handsome 8vo., and contains over 400 Pages, with more than 400 Illustrations, and is sold at the following prices: English cloth, beveled boards, gilt side and back, \$3; Leather, sprinkled edges, \$3.50; Half Turkey Morocco, marbled edges, gilt back, \$4.50. Orders by mail, securely sealed, to any address, on receipt of price. Send money by P. O. money order or registered letter at our risk. AGENTS WANTED, to whom we offer liberal terms. Send all orders and applications for an Agency to P. O. Box 2767. J. S. OGILVIE & CO., Publishers, 31 Rose St., New York. 18-1-17 Mention this Paper

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Cures patients pronounced hopeless by the best of physicians. From the first dose the symptoms rapidly disappear, and in ten days at least two-thirds of all symptoms are removed.

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Ten days' treatment furnished FREE BY MAIL.

Epilepsy Fits positively Cured.

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I am a native of England, and while I was in that country I contracted a terrible blood poison, and for two years was under treatment as an outdoor patient at Nottingham Hospital, England, but was not cured. I suffered the most agonizing pains in my bones, and was covered with sores all over my body and limbs. Finally I completely lost all hope in that country, and sailed for America, and was treated at Roosevelt in this city, as well as by a prominent physician in New York having no connection with the hospitals. I saw the advertisement of Swift's Specific, and I determined to give it a trial. I took six bottles, and I can say with great joy that they have cured me entirely. I am as sound and as well as I ever was in my life. L. FRED HALFORD.

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Cures Bleeding Gums, Ulcers, Sore Mouth, Sore Throat, Cleanses the Teeth and Purifies the Breath; used and recommended by leading dentists. Prepared by Drs. J. P. & W. R. HOLMES, Dentists, Macon, Ga. For Sale by all druggists and dentists.

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LET us be hopeful. Times are better. A new era of prosperity is upon us. Let us educate for this larger life and wider circuit of influence.

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How does Pat get over single blessedness? He *proposes* to Bridge-it.

You needn't pack up any worries. You can get them anywhere as you go along.

GIVE us plenty of "Silver Certificates," of the denomination of ONE and two dollars, and let the government at Washington "hoard" the coin in the vaults if they wish.

Real estate is cheap about Washington, and they can build vaults to cover ten acres if necessary.

Give us the silver certificates and plenty of them.

THE February number of *Education* opens with an article and a good picture of Daniel Webster, taken three months before his death, as a frontispiece, entitled "Daniel Webster as a Schoolmaster," by Elizabeth Porter Gould. This is followed by "Overwork in Schools," by John D. Philbrick, I.L.D.; "The Relations of Biography with History," by Marshall P. Wilder, Ph.D.; "The Problem of Woman's Education," by Nicolo De-Alfonso, translated by Victoria Chamberlin; "Can College Graduates Succeed in Business?" editorial, with various other editorial articles, Notes and Comments," and "Among the Books."

Published by William A. Mowry, 8 Somerset street, Boston. Price, \$3.00 a year.

ACROSS THE CONTINENT.

LOS ANGELES, Sacramento and San Francisco are the attractions just now for tourists seeking health and pleasure. A grand excursion will start from St. Louis Wednesday, February 17, via the Iron Mountain route, to San Francisco and Los Angeles. Train composed of elegant Pullman Palace Sleeping Cars, through without change. Fare for the round trip, remember, only \$107.90. For full particulars call on or address

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MONEY is more plenty—is circulating to a greater extent among the people. Prices are better for iron, for wheat and corn and cotton and beef. Wages will also advance, and they ought to. Everything is too cheap for the prosperity of the country.

WE ought to have a dozen educational meetings, where we now have one, with declamations and singing by the children and a short discussion by some of the older pupils and patrons. It would greatly increase the interest in the schools among the people. Try it.

THE Cairo Short Line, as you see in another column, furnish everything to make your trip to the "Sunny South" comfortable, except fur-lined overcoats. Their supply of these indispensable articles was exhausted long ago. Still the people take the Cairo Short Line.

Is there not danger that those persons who never do anything but teach five days in the week—who never read anything but the educational *cant* found in most of our Educational journals, will, as Shakespeare says,

"Fall into a kind of male green-sickness?"

Let all the four hundred thousand teachers in the United States take hold and read the *World* or the *Globe*. We send fifty-two *Worlds* and the AMERICAN JOURNAL OF EDUCATION for \$1.50; or fifty-two *Globes* and the AMERICAN JOURNAL OF EDUCATION for \$1.50.

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PRESS right on with your good work in the school-room, and let these last weeks of school be made strong, interesting, practical and brilliant. Leave a good impression.

DID you notice what Prof. Beall of Colorado says of our "Premium Cyclopoedia?" Will you please call the attention of your friends to this?

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CHICAGO MAGNETIC SHIELD CO., No. 6 Central Music Hall, Chicago, Illinois. 19-1-04 Mention this Journal

Illinois Central Railroad

TIME TABLE.

STATIONS	Train No. 3 Daily with Sunday. ing car Chicago to New Orleans.	
	Train 1, Daily except through sleep- ing car Chicago to New Orleans.	Train No. 3 Daily with Sunday. ing car Chicago to New Orleans.
Leave Chicago.....	8:10 a. m.....	8:30 p. m.
Arrive Effingham.....	4:40 p. m.....	3:55 a. m.
Arrive Odell.....	7:10 p. m.....	5:45 a. m.
Arrive Centralia.....	7:35 p. m.....	6:10 a. m.
Leave Centralia.....	10:05 p. m.....	6:15 a. m.
Arrive Cairo.....	4:05 a. m.....	10:50 a. m.
Arrive Martin.....	7:40 a. m.....	1:25 p. m.
Leave Martin.....	10:40 a. m.....	10:15 p. m.
Arrive Nashville.....	7:30 p. m.....	10:00 a. m.
Arrive Milan.....	7:10 a. m.....	3:45 p. m.
Leave Milan.....	12:55 p. m.....	3:30 a. m.
Arrive Memphis.....	4:15 p. m.....	8:15 a. m.
Arrive Jackson, Tenn.....	10:40 a. m.....	4:00 p. m.
Leave Jackson, Tenn.....	10:45 a. m.....	
Arrive Mobile, Ala.....	1:50 a. m.....	
Arrive Grand Junction.....	12:45 p. m.....	6:00 p. m.
Leave Grand Junction.....	6:25 p. m.....	6:25 p. m.
Arrive Memphis.....	8:20 p. m.....	8:20 p. m.
Arrive Jackson, Miss.....	10:45 p. m.....	3:21 a. m.
Leave Jackson, Miss.....	5:40 a. m.....	5:40 a. m.
Arrive Vicksburg.....	8:00 a. m.....	8:00 a. m.
Arrive New Orleans.....	7:15 a. m.....	11:00 a. m.

NOTE—That Train No. 3 (with through New Orleans sleeper) leaving Chicago at 8:30 p. m. daily, arrives at New Orleans at 11:00 a. m. the second morning (25 hours). This is 8 hours quicker time than has ever been made from Chicago to New Orleans, and 8 hours quicker time than by any other route.

NOTE—That Train No. 3, leaving Chicago at 8:30 p. m., arrives at Memphis via Grand Junction and the Memphis & Charleston Railroad, at 8:20 p. m. (23 hours and 50 minutes from Chicago). Passengers on this train have the advantage of through sleeper to Grand Junction, which is reached at 6:00 p. m.

NOTE—That passengers leaving on Train No. 1, make connection at Milan with Louisville & Nashville train, arriving at Memphis at 4:15 p. m.; also at Grand Junction with Memphis & Charleston Railroad, arriving at Memphis at 8:20 p. m.

NOTE—The close connection with the Mobile & Ohio Railroad at Jackson, Tenn., and the quick time we are thus enabled to make. Mobile passengers can secure sleeping car accommodations for Train No. 1 at DuQuoin, at 12:15 a. m., and again at Jackson, Tenn., direct for Mobile.

Respectfully, A. H. HANSON,

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" " " " Checks (twenty-fives).....	" .35
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by the County Superintendent. A
special dispatch to the *Globe Demo-*
crat states that the examination test,
which was conducted by County Su-
perintendent W. B. Marshutz, was
very thorough and exulting, and a
large number of pupils acquitted
themselves in a highly creditable
manner.

In the evening

AN EXHIBITION,
comprising readings, declamations,
and recitations, was given by the
competing scholars. The names of
the successful pupils were Alta Sla-
ter, who was awarded a first-grade
certificate, and Laura Elliott a sec-
ond. The County Superintendent
spoke briefly and complimented the
successful candidates.Mr. Marshutz has proved himself
an efficient superintendent; he has
filled the office four years, takes a
deep interest in the progress and wel-
fare of the schools in his charge, and
is a candidate for re-election, with
every probability of being successful.WORK up an interest among the
people by institutes, exhibitions and
meetings held frequently, giving the
pupils an opportunity to take part
also. Make the meetings short, and
do not tire the people out, but let
them be anxious to come again, and
hear more.The interest in many of these gath-
erings is seriously injured because
the sessions are continued so long.
Have some good singing, good speak-
ing, good dialogues, good cheer, and
close up early.A great work for the schools can be
done in this way, if the teachers, pu-
pils and their friends take hold uni-
tedly.LET us teach the truth that, if I
will stand upright, the creation can-
not bend me. But if I violate myself,
if I commit a crime, the lightning
loiters by the speed of retribution,
and every act is not hereafter but in-
stantaneously rewarded according to
its quality.

NEBRASKA.

THE course of study and rules
and regulations of West Point
Pub. Schools of Neb., as arranged by
the Board of Education and Supt.
Leach, forms one of the most instruc-
tive and interesting pamphlets which
has been laid on our table for many
a day.If our teachers and superintend-
ents can avail themselves of this
"Course of Study" and these rules
and regulations, it will set them far
along on the road to a successful ad-
ministration of the schools. We pre-
sume the pamphlet, blank sugges-
tions and all, would be sent on receipt
of ten cents, though it must have re-
quired years of experiment and
months of study to formulate so clear
and comprehensive a plan for the
grading and government of the sys-
tem.The whole thing reflects great
credit on Prof. N. E. Leach, the effi-
cient Superintendent, and the other
officers of the Board, as well as upon
the people who sustain it. T. G. Rip-
pert, West Point, Nebraska, is the
treasurer of the Board. Address him
or Prof. N. E. Leach.MR. D. D. MERRELL of St. Paul,
Minnesota, has something of special
interest to teachers and pupils, as
well as to school boards. We do
need to know, all of us, not only how
to teach writing, but how to practice
it. (So our printers say.—Ed.)DID you look over that announce-
ment, of special interest to all bible
students, of C. Enders, Jr., the pneu-
matismatist of New York? He gets up
and sends an exact fac simile of the
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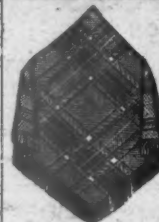
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